

202402796

SOILS TABLE					
SOILS NO.	SOIL NAME	HYDROLOGIC SOIL GROUP	TYPICAL SLOPES	EROSION FACTOR (K)	EROSION FACTOR (T)
19B	KEMPSVILLE-EMPORIA FINE SANDY LOAMS	A	2-6%	.28	5
35	UDORIENTS	D	0-20%	-	-

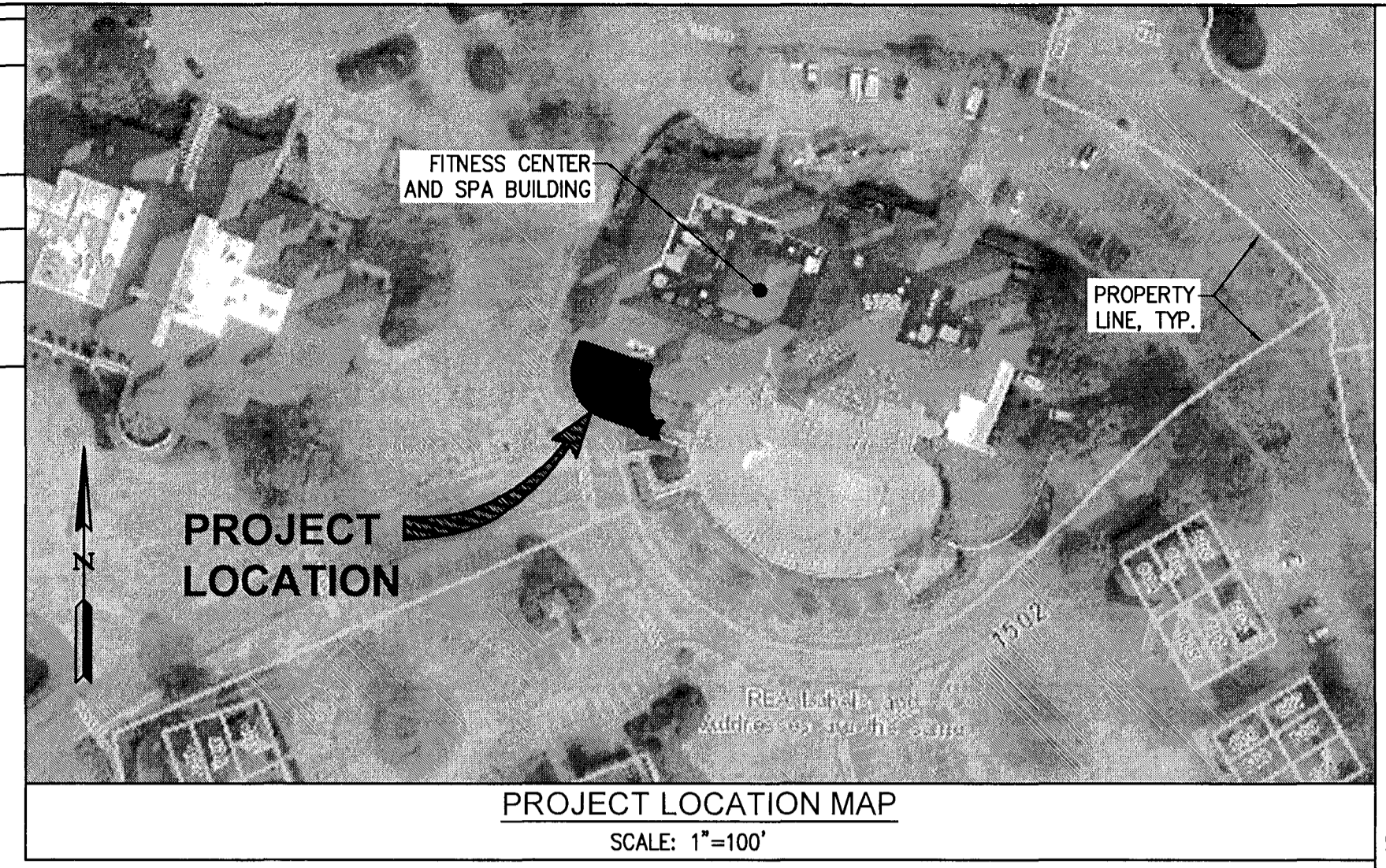
INFORMATION TAKEN FROM "SOIL SURVEY OF JAMES CITY AND YORK COUNTIES AND THE CITY OF WILLIAMSBURG, VIRGINIA" ISSUED IN APRIL, 1985, BY THE UNITED STATES DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE IN COOPERATION WITH VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY.

SOIL SUSCEPTIBILITY TO EROSION CLASSIFICATION (K)
 0.23 AND LOWER - LOW ERODIBILITY
 0.23 TO 0.36 - MODERATE ERODIBILITY
 0.36 AND UP - HIGH ERODIBILITY

THE MAP SHOWN IS A "BEST FIT MODEL" OF THE SCS MAPS WITH EXISTING BASE INFORMATION.

ENVIRONMENTAL INVENTORY IMPACTS	
TIDAL WETLANDS:	NONE IMPACTED
TIDAL SHORES:	NONE IMPACTED
NON-TIDAL WETLANDS IN RPA:	NONE IMPACTED
NON-TIDAL WETLANDS NOT IN RPA:	NONE IMPACTED
100 FT RPA BUFFER:	NONE IMPACTED
NON-TIDAL WETLANDS IN RMA:	NONE IMPACTED
HYDRIC SOILS:	NONE IMPACTED
25% SLOPES OR GREATER:	NONE IMPACTED

LEGEND	
	SOILS BOUNDARY
	SOILS TYPE
	31B



SEQUENCE OF CONSTRUCTION

- CONTRACTOR SHALL SET UP AND ATTEND A PRECONSTRUCTION MEETING WITH JAMES CITY COUNTY INSPECTOR AT LEAST 48 HOURS PRIOR TO THE COMMENCEMENT OF ANY LAND-DISTURBING ACTIVITIES.
- CONTRACTOR SHALL INSTALL ALL PERIMETER SILT FENCING AS SHOWN ON THIS PLAN.
- BEGIN DEMOLITION OPERATIONS AND THE REMOVAL OF ITEMS AS SHOWN ON THIS SHEET. ALL UNSUITABLE AND DELETERIOUS MATERIAL SHALL BE HAULED OFFSITE TO AN APPROVED FACILITY.
- STRIP SITE TOPSOIL AND ROUGH GRADE SITE - TOPSOIL TO BE RETAINED FOR REUSE AS NEEDED.
- CONSTRUCT RETAINING WALL.
- CONSTRUCT PATIO SECTION AS SHOWN ON THE SITE PLAN.
- FINE GRADE AREA TO MATCH FINISHED GRADE CONDITION AS DISPLAYED ON THE SITE PLAN.
- PLACE TOPSOIL IN ALL DENUDED AREAS AND STABILIZE SITE.
- REMOVE INLET PROTECTION AND OTHER EROSION AND SEDIMENT CONTROL MEASURES WITHIN 30 DAYS OF STABILIZATION.
- UPON COMPLETION OF THE WORK AND WITHIN 30 DAYS OF FINAL SITE STABILIZATION, THE GENERAL CONTRACTOR SHALL REMOVE ALL EROSION AND SEDIMENT CONTROL MEASURES FROM THE SITE UPON APPROVAL OF THE REPRESENTATIVE OF JAMES CITY COUNTY.

GENERAL NOTES:
 DUST CONTROL MEASURES IN ACCORDANCE WITH THE VESCH SHALL BE IMPLEMENTED AS NECESSARY.

ALL EXCESS UNSUITABLE MATERIAL AND TOPSOIL SHALL BE REMOVED FROM PROJECT AREA.
 ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED DURING CONSTRUCTION PROGRESS AS DIRECTED BY THE ENGINEER, OWNER, OR JAMES CITY COUNTY INSPECTOR TO MINIMIZE POTENTIAL FOR SEDIMENT TO LEAVE THE SITE.

FILL NOTES:
 EXISTING TOPSOIL MATERIAL SHALL BE STRIPPED FROM FILL AREAS PRIOR TO PLACEMENT OF FILL.

FILL USED FOR HOMOGENEOUS DAM SECTION SHALL BE IN ACCORDANCE WITH THE GEOTECHNICAL REPORT.

FILL PLACED ON PROPOSED SITE SHALL BE PLACED IN 8-INCH LOOSE LIFTS AND COMPACTED TO 95% MAC DRY DENSITY STANDARD PROCTOR (ASTM D698) FIELD DENSITY STANDARD PROCTOR (ASTM C898) FIELD DENSITY TESTS SHALL BE PERFORMED AT A RATE OF ONE TEST PER 10,000 S.F. BUT NOT LESS THAN TWO (2) TESTS PER LIFT IN ALL PROPOSED SITE AREAS.

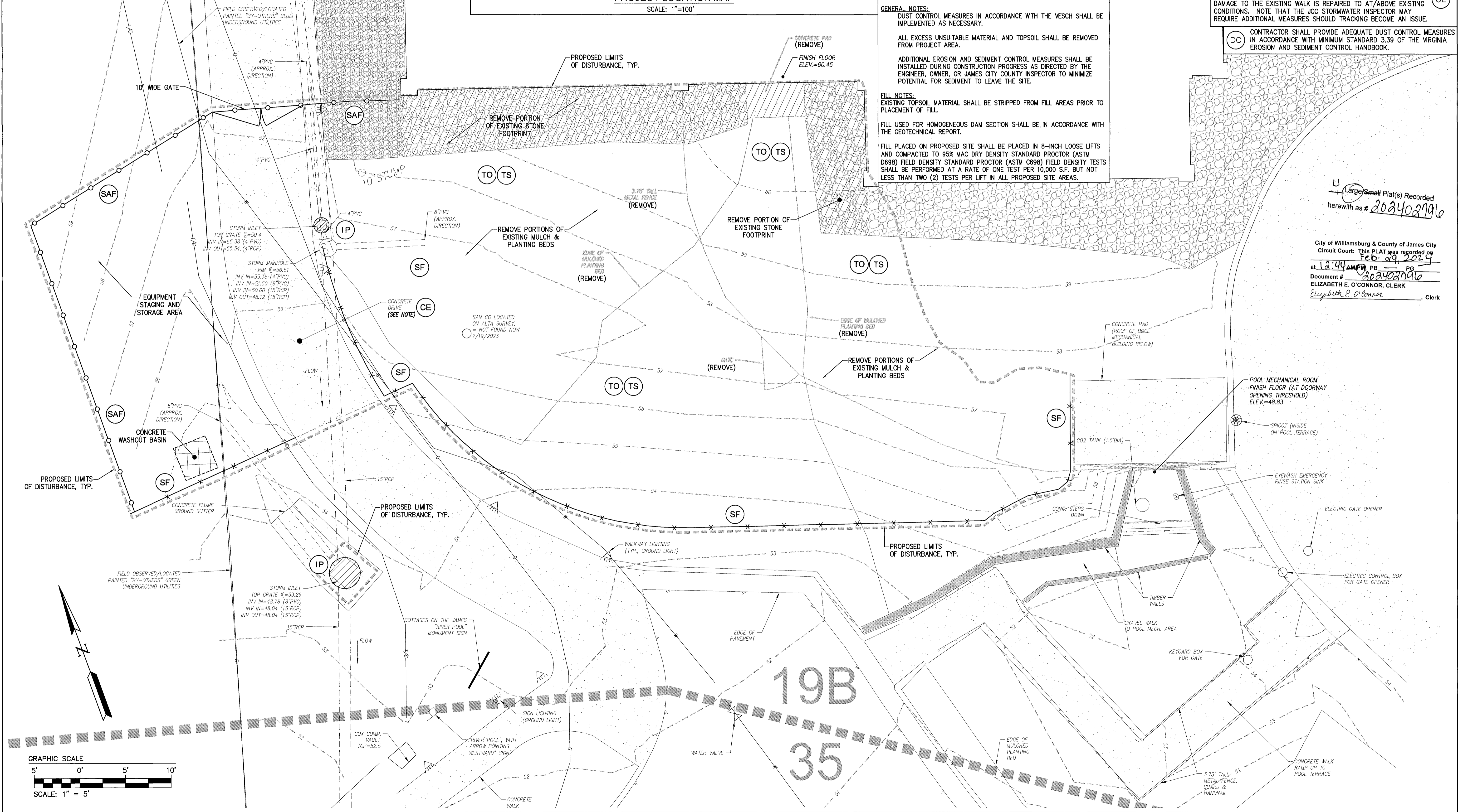
EROSION AND SEDIMENTATION CONTROL LEGEND

- SAF SAFETY FENCE (SPEC. 3.01)
- CE CONSTRUCTION ENTRANCE (SPEC. 3.02)
- SF SILT FENCE (SPEC. 3.05)
- IP STORM DRAIN INLET PROTECTION (SPEC. 3.07)
- TO TOPSOILING (SPEC. 3.30)
- TS TEMPORARY SEEDING (SPEC. 3.31)
- EC-2 TREATMENT 1 SOIL STABILIZATION MATTING (SPEC. 3.36)
- DC DUST CONTROL (SPEC. 3.39)

NOTE:
 SEE VIRGINIA EROSION & SEDIMENT CONTROL HANDBOOK FOR EROSION CONTROL SPECIFICATIONS (SPEC.) AND DETAILS.

CONSTRUCTION ENTRANCE NOTE: EXISTING CONCRETE DRIVE SHALL BE UTILIZED AS THE CONSTRUCTION ENTRANCE FOR THE PURPOSES OF THIS PROJECT. CONTRACTOR SHALL INSPECT & ENSURE THAT ANY DAMAGE TO THE EXISTING WALK IS REPAIRED TO AT/ABOVE EXISTING CONDITIONS. NOTE THAT THE ICC STORMWATER INSPECTOR MAY REQUIRE ADDITIONAL MEASURES SHOULD TRACKING BECOME AN ISSUE.

CONTRACTOR SHALL PROVIDE ADEQUATE DUST CONTROL MEASURES IN ACCORDANCE WITH MINIMUM STANDARD 3.39 OF THE VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK.



4 Large/Small Plat(s) Recorded herewith as # 202402796

City of Williamsburg & County of James City
 Circuit Court: This PLAT was recorded on Feb. 29, 2024
 at 12:44 AM in PB PG
 Document # 202402796
 ELIZABETH E. O'CONNOR, CLERK
 Elizabeth E. O'Connor, Clerk



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ABS
 CONSULTING ENGINEERS
 Hampton Roads | Central Virginia | Middle Peninsula

PLAN OF DEVELOPMENT FOR
FITNESS CENTER PATIO ADDITION
 ROBERTS DISTRICT
 JAMES CITY COUNTY
 VIRGINIA

Project Contacts: GVC
 Project Number: 7753-52
 Scale: 1" = 5'
 Date: 08/11/2023
 Sheet Title:
 DEMO, E&S CONTROL AND ENVIRONMENTAL INVENTORY PLAN
 Sheet Number:
C2.0

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